

(5) Exposure to cultural events, academic programs, and other educational activities not usually available to disadvantaged youths;

(6) Activities designed to acquaint youths participating in the project with the range of career options available to them;

(7) Instruction designed to prepare youths participating in the project for careers in which persons from disadvantaged backgrounds are particularly underrepresented;

(8) Mentoring programs involving elementary or secondary school teachers, faculty members at institutions of higher education, students, or any combination of these persons and other professional individuals; and

(9) Programs and activities such as those described in paragraphs (b)(1) through (b)(8) of this section that are specifically designed for individuals with limited proficiency in English.

(Authority: 20 U.S.C. 1070a-13)

§ 645.12 How are regular Upward Bound projects organized?

(a) Regular Upward Bound projects—

(1) Must provide participants with a summer instructional component that is designed to simulate a college-going experience for participants, and an academic year component; and

(2) May provide a summer bridge component to those Upward Bound participants who have graduated from secondary school and intend to enroll in an institution of higher education in the following fall term. A summer bridge component provides participants with services and activities, including college courses, that aid in the transition from secondary education to postsecondary education.

(b) A summer instructional component shall—

(1) Be six weeks in length unless the grantee can demonstrate to the Secretary that a shorter period will not hinder the effectiveness of the project nor prevent the project from achieving its goals and objectives, and the Secretary approves that shorter period; and

(2) Provide participants with one or more of the services described in § 645.11 at least five days per week.

(c)(1) Except as provided in paragraph (c)(2) of this section, an academic year component shall provide program participants with one or more of the services described in § 645.11 on a weekly basis throughout the academic year and, to the extent possible, shall not prevent participants from fully participating in academic and nonacademic activities at the participants' secondary school.

(2) If an Upward Bound project's location or the project's staff are not readily accessible to participants because of distance or lack of transportation, the grantee may, with the Secretary's permission, provide project services to participants every two weeks during the academic year.

(Authority: 20 U.S.C. 1070a-13)

§ 645.13 What additional services do Upward Bound Math and Science Centers provide and how are they organized?

(a) In addition to the services that must be provided under § 645.11(a) and may be provided under § 645.11(b), an Upward Bound Math and Science Center must provide—

(1) Intensive instruction in mathematics and science, including hands-on experience in laboratories, in computer facilities, and at field-sites;

(2) Activities that will provide participants with opportunities to learn from mathematicians and scientists who are engaged in research and teaching at the applicant institution, or who are engaged in research or applied science at hospitals, governmental laboratories, or other public and private agencies;

(3) Activities that will involve participants with graduate and undergraduate science and mathematics majors who may serve as tutors and counselors for participants; and

(4) A summer instructional component that is designed to simulate a college-going experience that is at least six weeks in length and includes daily coursework and other activities as described in this section as well as in § 645.11.

(b) Math Science Upward Bound Centers may also include—

(1) A summer bridge component consisting of math and science related